IN THE SPECIFICATION

Please substitute the paragraph at page 4, lines 21 - page 5, line 8, with the following replacement section.

One or more embodiments of the present invention will now be described with reference to the drawings, in which:

Fig. 1 shows a block diagram representation of hardware components in a printing system according to a first arrangement;

Fig. 2 shows a pipeline arrangement for the host computer of Fig. 1;

Fig. 3 shows pipeline processing details for the printer controller of Fig. 1;

Fig. 4 shows pipeline details for the print engine of Fig. 1;

Fig. 5 is a schematic block diagram of a general purpose computer upon which the disclosed arrangement can be practised;

Fig. 6 is a flowchart of method steps relating to buffer-based processing of data from an upstream device;

Fig. 7 is a flowchart of method steps relating to buffer-based processing of data for a downstream device;

Fig. 8 is a flowchart of method step relating to generic stall-based processing of ~~date~~ data from an upstream device; and

Fig.9 is a flowchart of method steps relating to generic stall-based processing of date for a downstream device.

Please substitute the paragraph at page 9, lines 12-27, with the following

replacement section.

The colour converter 400 consequently stalls the rendering hardware sub-

process 312 (see Fig. 3) by means of a signal on a dashed arrow 316. The rendering

hardware 312, consequently stalls the renderer software interface 308, by means of a signal

on a dashed arrow 318, this being performed if the display list memory 324 becomes full.

This stall signal on the line 318 propagates further in the reverse direction to the interpreter

sub-process 304 on a dashed arrow 320, blocking further write operations to the renderer

308. In turn, the interpreter 304 ceases reading input ~~date~~ data from the receiving hardware

interface 300, this being caused by a stall signal on a dashed arrow 322. The receiving

hardware interface 300, in turn, stalls the host hardware interface 216 (see Fig. 2) by means

of a signal on a dashed arrow 220, causing the host hardware interface 216 to block write

calls from the port monitor 212 by means of a stall signal on the a dashed arrow 222. The

port monitor 212, in turn, blocks write calls from the spooler 208 by means of a stall signal

on a dashed arrow 224, this in turn being propagated to block write signals from the printer

driver 204 by means of a stall signal on a dashed arrow 226. The printer driver 204, in

turn, prevents the GDI calls from the host application 200 by means of a stall signal on a

dashed arrow 228.